ANALYTICA CHIMICA ACTA, VOL. 227 (1989)

AUTHOR INDEX

Aaron, J.J., see Fidanza, J. 325
Aaron, J.J., see Tine, A. 181
Al-Kindy, S.M.Z.
— and Miller, J.N.
Coumarin-6-sulphonyl chloride: a novel label in fluorimetry and phosphorimetry. Part 1. Synthesis and luminescence properties 145
Al-Kindy, S.M.Z.
— and Miller, J.N.
Coumarin-6-sulphonyl chloride: a novel label in fluorimetry and phosphorimetry. Part 2. Chromatographic applications 155
Anderson, F.P., see Miller, W.G. 135
Andrews, A.R.J.
— and Townshend, A.
Chemiluminescence detection of the benzodiazepine loprazolam 65
Arnold, M.A., see Rhines, T.D. 389

Baeyens, W.R.G., see Lin Ling, B. 203
Bayne, W.F., see Matuszewski, B.K. 189
Bergman, J.J., see Jansen, E.H.J.M. 57, 109
Biggart, E., see Ekins, R. 73
Bisagni, E., see Cepeda-Saez, A. 319
Bovara, R., see Girotti, S. 29
Brinkman, U.A. Th., see van de Nesse, R.J. 173

Capomacchia, A.C., see Jennings, R.N. 37
Carrea, G., see Girotti, S. 29
Cascoine, M.L., see Girotti, S. 29
Casey, H.
—, Clarke, R.T., Smith, S., Clinch, J.R. and Worsfold, P.J.
Spectrophotometric field monitor for the determination of nitrate in river water. Statistical analysis of the results from a nine-month field trial 381
Cepeda-Saez, A.
—, Vazquez, M.L., Sargi, L., Prognon, P., Mahuzier, G. and Bisagni, E.
Direct determination of biacetyl in fats by sensitized room temperature phosphorescence 319
Chen, S.-X., see Schulman, S.G. 165
Chu, F., see Ekins, R. 73
Cittanova, N., see El Jabri, J. 129
Clarke, R.T., see Casey, H. 381
Clinch, J.R., see Casey, H. 381
Coene, J.
—, van den Eeckhout, E. and Sandra, P.
Fluorescence behaviour of an alkyl lysophospholipid in the presence of 1,6-diphenylhexatriene 303
Compaño, R.
—, Grima, A., Izquierdo, A. and Prat, M.D.
Determination of zinc in foods by fluorescence spectroscopy in micellar media 219

De Boever, J.
—, Vandekerckhove, D. and Kohen, F.
Development of a chemiluminescence immunoassay for salivary progesterone using microtitre plates as a solid phase 119
De Lauzon, S., see El Jabri, J. 129
Del Castillo, B., see Lerner, D.A. 297
Demertzis, M.A. see Matsoukas, K.A. 211

Egorov, A.M., see Eremin, S.A. 287
Ekins, R.
—, Chu, F. and Biggart, E.
Development of microspot multi-analyte ratiometric immunoassay using dual fluorescent-labelled antibodies 73
El Jabri, J.
—, de Lauzon, S., Cittanova, N., Gervais, P., Mugnier, J., Pouget, J. and Valeur, B.
Estrogen fluoroimmunoassay with a fluorimeter designed for low-intensity light detection 129
Eremin, S.A.
—, Zaitchev, S.V., Egorov, A.M., Ermakov, A.N., Smirnov, A.V. and Izotov, B.N.
Polarization fluoroimmunoassays for the specific determination of amphetamine and methamphetamine in urine with the Abbott TD_x-analyzer 287
Ermakov, A.N., see Eremin, S.A. 287
Evmiridis, N.P., see Matsoukas, K.A. 211

Fidanza, J.
— and Aaron, J.J.
Photochemically induced fluorimetric determination of the antimalarial mefloquine 325
Flagler, M., see Gardell, D. 251
Freiser, H., see Komatsu, Y. 399

Gardell, D.
— and Flagler, M.
Effects of the standardization of quantitative fluorometry on the automated evaluation of platelet antibodies 251
Gervais, P., see El Jabri, J. 129
Ghini, S., see Girotti, S. 29
Girotti, S.
—, Cascoine, M.L., Ghini, S., Carrea, G., Bovara, R., Roda, A., Motta, R. and Petilino, R.
Bioluminescence flow sensor for determination of creatine kinase activity in blood 29
Gooijer, C., see van de Nesse, R.J. 173
Grima, A., see Compaño, R. 219
Gübitz, G., see Shellum, C. 97

Haferkamp, O., see Schneckenburger, H. 227
Haggart, R.
— and Leaback, D.H.
Determination of quantitative, luminogenic images of macromolecule components of biological cells and tissues 257
Halvatzis, S.A.
— and Timotheou-Potamia, M.
Kinetic-potentiometric determination of ascorbic acid, biotin pyridoxine hydrochloride and thiamine hydrochloride with *N*-bromosuccinimide 407
Hámori, T., see Hornyák, I. 311
Hámori, T., see Kása, I. 315
Higashidate, S., see Imai, K. 21
Hiraide, M.,
—, Ueda, T. and Mizuike, A.
Humic and other negatively charged colloids of iron and copper in river water 423
Hoornweg, G.Ph., see van de Nesse, R.J. 173
Hornyák, I.
—, Kása, I., Hámori, T. and Kórösi, J.
Spectrofluorimetric determination of 1-(3-chlorophenyl)-4-methyl-7,8-dimethoxy-5*H*-2,3-benzodiazepine 311
Hornyák, I., see Kása, I. 315
Hornyák, I., see Szekelhidi, L. 309

Imai, K.
—, Higashidate, S., Nishitani, A., Tsukamoto, Y., Ishibashi, M., Shoda, J. and Osuga, T.
Sensitive detection of oxo-steriods and oxo-bile acids by liquid chromatography with peroxyoxalate chemiluminescence detection 21
Imai, K., see Lin Ling, B. 203
Ishibashi, M., see Imai, K. 21
Izotov, B.N., see Eremin, S.A. 287
Izquierdo, A., see Compaño, R. 219

Jansen, E.H.J.M.
—, Bergman, J.J., van den Berg, R.H. and Zomer, G.
Comparison between spectrophotometric and chemiluminescence detection in enzyme immunoassays for nortestosterone 109
Jansen, E.H.J.M.
—, Reinerink, E.J.M. and van den Berg, R.H.
Chemiluminescence detection of haem-containing microsomal proteins 49
Jansen, E.H.J.M.
—, van den Berg, R.H. and Bergman, J.J.
Effect of iron chelates on luminol chemiluminescence in the presence of xanthine oxidase 57
Jennings, R.N.
— and Capomaccia, A.C.
Pre-chemiluminescent biexponential degradation of bis (2,4-dinitrophenyl) oxalate in hydrogen peroxide–acetonitrile 37
Jones, B.T., see Mignardi, M.A. 333

Kása, I., see Hornyák, I. 311
Kása, I.
—, Hornyák, I., Kórösi, J. and Hámori, T.
Spectrofluorimetric method for the determination of 1-(3,4-dimethoxyphenyl)-4-methyl-5-ethyl-7,8-demethoxy-5*H*-2,3-benzodiazepine (tofisopam) 315
Kimura, S., see Schulman, S.G. 165
Kohen, F., see de Boever, J. 119

Komatsu, Y.
— and Freiser, H.
Extraction separation of tervalent lanthanide metals with bis(2,4,4-trimethylpenthyl)phosphinic acid 399
Kórösi, J., see Hornyák, I. 311
Kórösi, J., see Kása, I. 315

Lapat, A., see Szekelhidi, L. 309
Leaback, D.H., see Haggart, R. 257
Leaback, D.H.,
Towards some ultimates in luminogenic analytical methods 1
Leaback, D.H., see Zaidi, K.F. 271
Lerner, D.A.
—, del Castillo, B. and Muñoz-Botella, S.
Room temperature luminescence of a retinal complex of cyclodextrin 297
Lin Ling, B.
—, Baeyens, W.R.G., Marysael, H. and Imai, K.
Determination of glutathione in human blood by high performance thin layer chromatography with fluorescence detection 203

Mahuzier, G., see Cepeda-Saez, A. 319
Marysael, H., see Lin Ling, B. 203
Matsoukas, K.A.
—, Evmiridis, N.P. and Demertzis, M.A.
Spectrofluorimetric detrmination of magnesium in blood serum with calcein blue 211
Matuszewski, B.K.
— and Bayne, W.F.
Fluorogenic reaction between adenine derivatives and chloroacetaldehyde and its application to the determination of 9-(2-chloro-6-fluorobenzyl) adenine in human plasma 189
Mignardi, M.A.
—, Jones, B.T., Smith, B.W. and Winefordner, J.D.
High-resolution continuum-source atomic absorption spectrometry in an inductively coupled plasma with photodiode array detection 333
Miller, J.N., see Al-Kindy, S.M.Z. 145, 155
Miller, W.G.
— and Anderson, F.P.
Antibody properties for chemically reversible biosensor applications 135
Mizuike, A., see Hiraide, M. 423
Motta, R., see Girotti, S. 29
Mugnier, J., see El Jabri, J. 129
Muñoz-Botella, S., see Lerner, D.A. 297

Nishitani, A., see Imai, K. 21

Osuga, T., see Imai, K. 21

Petilino, R., see Girotti, S. 29
Pouget, J., see El Jabri, J. 129
Prat, M.D., see Compaño, R. 219
Prognon, P., see Cepeda-Saez, A. 319

Reinerink, E.J.M., see Jansen, E.H.J.M. 49
Rhines, T.D.
— and Arnold, M.A.
Fiber-optic biosensor for urea based on sensing of ammonia gas 389
Roda, A., see Girotti, S. 29
Rück, A., see Schneckenburger, H. 227

Sandra, P., see Coene, J. 303
Sargi, L., see Cepeda-Saez, A. 319
Schneckenburger, H.
—, Rück, A. and Haferkamp, O.
Energy transfer microscopy for probing mitochondrial deficiencies 227
Schulman, S.G.
—, Townsend, R., Kimura, S. and Chen, S.-X.
Hydrolysis kinetics of photo-excited 6-methoxyquinoline in aqueous ethanol 165
Shellum, C.
— and Gübitz, G.
Flow-injection immunoassays with acridinium ester-based chemiluminescence detection 97
Shoda, J., see Imai, K. 21
Smirnov, A.V., see Eremin, S.A. 287
Smith, B.W., see Mignardi, M.A. 333
Smith, S., see Casey, H. 381
Stavenuiter, J.F.C., see Zomer, G. 11
Szekelhidi, L.
—, Lapat, A. and Hornyák, I.
Spectrofluorimetric determination of 2-amino-5-chlorobenzophenone impurity in chlordiazepoxide hydrochloride 309
Timotheou-Potamia, M., see Halvatzis, S.A. 407

Tine, A.
— and Aaron, J.J.
Selective fluorescence quenching of biologically important acidic and non-acidic indoles by trivalent lanthanide ions and analysis of mixtures by a fluorimetric quenching method 181
Tomellini, S.A., see Wythoff, B.J. 345, 361
Townsend, R., see Schulman, S.G. 165
Townshend, A., see Andrews, A.R.J. 65
Tsukamoto, Y., see Imai, K. 21

Ueda, T., see Hiraide, M. 423

Valeur, B., see El Jabri, J. 129
Vandekerckhove, D., see de Boever, J. 119
Van den Berg, R.H., see Jansen, E.H.J.M. 49, 57, 109
Van den Eeckhout, E., see Coene, J. 303
Van de Nesse, R.J.
—, Hoornweg, G.Ph., Gooijer, C., Brinkman, U.A.Th. and Velthorst, N.H.
Laser-induced fluorescence detection in conventional-size liquid chromatography with a frequency-doubled argon-ion laser 173
Vazquez, M.L., see Cepeda-Saez, A. 319
Vekshin, N.L.
Exciplexes of pyrene with indole and diethylaniline in liposomes and biomembranes 267
Vekshin, N.L.
Multipass cuvettes for spectrofluorimetry 291
Velthorst, N.H., see van de Nesse, R.J. 173
Weinberg, P.D.
Densitometry of photomicrographic negatives for the determination of fluorophores in sections of tissue 235
Weinberg, P.D.
Effect of tissue-processing techniques on the sensitivity of microfluorimetric determinations of tracers in tissue sections 243
Winefordner, J.D., see Mignardi, M.A. 333
Worsfold, P.J., see Casey, H. 381
Wythoff, B.J.
— and Tomellini, S.A.
Dynamic, computer-assisted interpretation of infrared spectra of condensed-phase mixtures 361
Wythoff, B.J.
— and Tomellini, S.A.
Generation of compound-specific descriptions for interpreting the infrared spectra of condensed-phase mixtures 345

Zaidi, K.F.
— and Leaback, D.H.
Fluorogenic techniques for monitoring metabilic changes in cells in culture 273
Zaitchev, S.V., see Eremin, S.A. 287
Zomer, G., see Jansen, E.H.J.M. 109
Zomer, G.
— and Stavenuiter, J.F.C.
Chemiluminogenic labels, old and new 11